



## CNHS Newsletter

Spring 2021

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### Dean Greenwood's Note

Colleagues,



*Happy New Year to each member of the College of Natural and Health Sciences! I hope you have had an opportunity to relax and rejuvenate after a most challenging Fall semester. The end of 2020 could not come quickly enough, and I certainly look to the new year with renewed optimism.*

*Faculty are continuing to refine their Spring courses, and some are already engaged in teaching courses for the Winter Intersession. Students will be returning to campus soon, and we will welcome them back with ongoing precautions. Because the pandemic remains a concern for the nation and the Tampa area, we will continue to limit class sizes, require masks, and maintain the Spartan Shield protocols.*

*Despite the pandemic, faculty and students have been very busy with scholarship, professional certifications, maintaining and developing community connections, and a host of other activities. This newsletter offers a glimpse into some of those activities, and I encourage you all to contact these colleagues and offer your support and congratulations for the excellent work they are doing!*

*I hope the semester begins with a smooth start for each of you, and that you and your families have a safe, healthy, and happy 2021!*

Cordially,

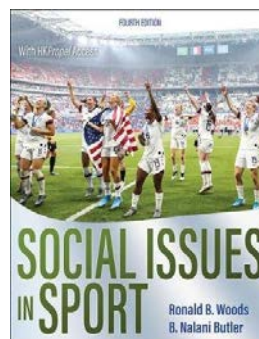
# Dean's Listening Zooms

Paul Greenwood invites CNHS faculty to join him via Zoom on Thursday, February 11<sup>th</sup> from 11:30 to 1:30. This Zoom session provides for an open discussion forum. More information will be forthcoming.

## Faculty Presentations, Publications and Scholarship



Congratulations to **Professor Ron Woods** (Health Sciences and Human Performance) who recently published his textbook - *The 4th edition of Social Issues in Sport*. The textbook introduces students to sport as a social phenomenon.



Congratulations to **Professor Heajin Lee** (Chemistry) on her publication entitled *Fluorescent molecular rotors as sensors for the detection of thymidine phosphorylase* in Bioorganic and Medical Chemistry.

<https://www.sciencedirect.com/science/article/pii/S0968089620307112>



**Professor Jeffrey Fasick** (Biology) presented at the North Atlantic Right Whale Consortium Virtual Conference on *North Atlantic right whale melanopsin pigment and pupil light response*. Click below to view his presentation.

<https://drive.google.com/file/d/1cAnCCgaSPRZ8MnNqVgp3N5pwtQdYIHHk/view>

Congratulations to the newest Nursing Skills and Simulation lab faculty member, **Professor Sandy Coleman** (Nursing) who just received the Certified Healthcare Education Specialist certification! Congratulations Sandy!



**Professor Ronda Sturgill** (Health Sciences and Human Performance) published an article in the JMIR Formative Research entitled, *A Novel Artificial Intelligence-Powered Emotional Intelligence and Mindfulness App (Ajivar) for the College Student Population During the COVID-19 Pandemic: Quantitative Questionnaire Study*.

<https://formative.jmir.org/2021/1/e25372>

**Professor Pavan Rajanhalli** (Biology) was recently highlighted on the UT webpage and in the UT Journal for his research on chronic traumatic encephalopathy. His research student, **Megan Ashworth**, is working with him in growing cells that could lead to a future treatment.

The full article can be read below:  
<https://www.ut.edu/news-and-ut-life/brain-gains->



**Professor Cindy Parsons** (Nursing) published an article that represents a culmination of hard work and desire to improve the care of our youth with ADHD. The article is entitled, *The Chronic Care Model and Attention-Deficit/Hyperactivity Disorder: A Novel Approach to Improving the Transition to Postsecondary Education*. The article was published in the Journal for Nurse Practitioners.

<https://www.sciencedirect.com/science/article/pii/S1555415520306425?dgcid=author>



**Professor Nauris Tamulevicius** (Health Sciences and Human Performance) received acceptance of a manuscript with two graduate students (now alumnae) **Julia Sengbusch** (pictured lower left) and **Delaney Tiernan**. The research article is entitled *The Impact of Smoking on Maximal Oxygen Uptake (VO<sub>2</sub> max): A Systematic Review*. The article was accepted for publication in *Respiratory Care*.



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**Professor Tracy Zontek** ( Health Sciences and Human Performance) and **Nicole Scotto** (Public Health Graduate) were awarded an Office of Undergraduate Research and Inquiry grant to explore emissions from the UT Fab Lab. Their paper was published online in a special issue of the American Chemical Society's *Journal of Chemical Health and Safety*, part of the virtual special issue "Laboratory Design to Enable Safe, Secure, and Sustainable Research."

<https://pubs.acs.org/doi/full/10.1021/acs.chas.0c00093>

Nicole graduated in summer of 2020, and will attend a master's program in fall of 2021.



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## Student Association News

Congratulations to this year's University of Tampa Physics chapter. They have earned the designation of the **Society of Physics Students Distinguished Chapter!**

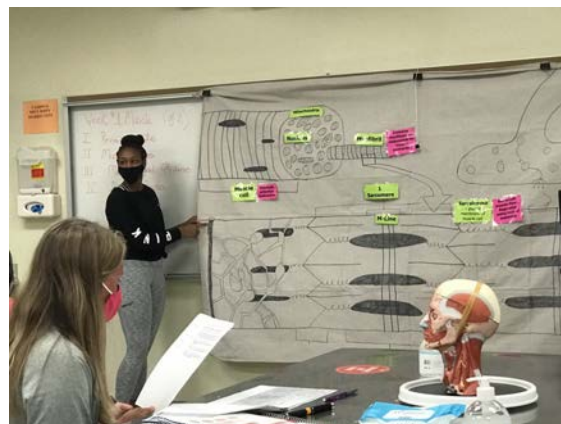
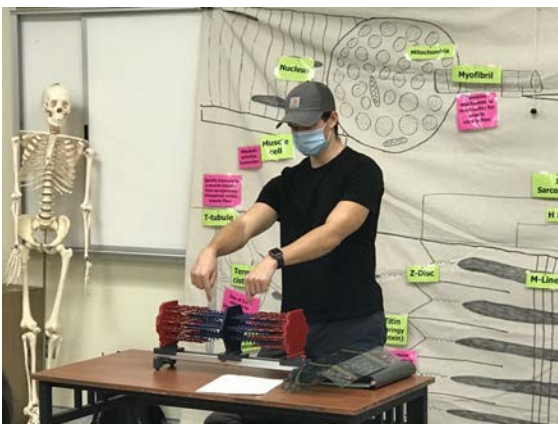


Despite COVID-19, the UT Student Nurse Association was able to engage in many activities this semester and worked together to create events to help those in the community as well as nursing students at UT. The following are events this group completed this past semester:

- SNA Mask fundraiser
- Workout challenge all semester long (mile walk, ride a bike/walking, creative workout- yoga, spinning class, HIT workout)
- Card making for Weinburg Village
- Donations for Metropolitan Ministries (over 100 items donated/0
- BSN meet and greet
- Pre-Nursing Q&A- answer any questions pre-nursing students have about the nursing program and how to prepare themselves for the application process and program curriculum.
- Tips for Success for Freshman, Sophomores, and Juniors
- COVID experience Q&A with Alex Fallows an ICU RN at TGH
- Study room Sunday's- allow a free study space for students
- Florida Convention and Mid-year conference
- Alzheimer's and Heart walk (over \$3,000 raised combined)
- Wise Woman Breast Cancer Awareness event- directed by Dr. Culp
- Emergency Medicine Speaker Series Event. SNA Partnered up with Spartan First Response and Live well UT on campus. Emergency Medicine speaker Hendrik Bliet, a nurse at CHOP came to speak to students.
- Florida Nurses Association webinar "Becoming a Nurse During a Pandemic"
- NSNA student sessions: Med-Surg made easy and Pharmacology made easy

## Student Involvement

**Professor Heidi Borgeas's** Anatomy and Physiology student mentors are pictured below actively teaching in a social distance format this past semester.

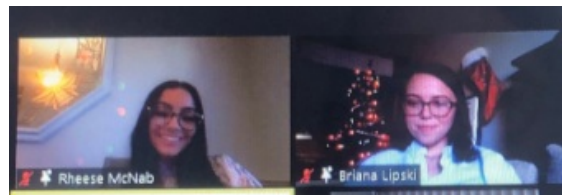


Public Health students **Briana Lipski, Rheese McNab** and **Isabella Carabio** hosted a Mask Tie-Dye event on campus. The student coordinators of Breathe Easy UT conducted two separate mask tie-dyeing events for students at the University of



Tampa. The coordinators provided the students with masks and many educational materials regarding vaping and smoking in giveaway bags. The bags included a white cotton mask, gloves, stickers promoting safe practices during COVID-19, small informational cards with facts about vaping and on-campus smoking cessation resources.

This event was followed with a webinar on the hazards of vaping. To view their presentation click [here](#). Below they presented virtually during the American Association of Respiratory Care conference.

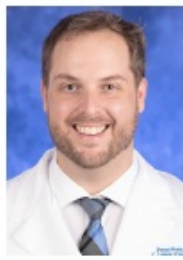


On January 9th, the Physician Assistant Class of 2022 held their White Coat Ceremony. This ceremony is an academic ritual in many health professions and signifies a transition in status from ordinary student to a health professional student. Not only does the ceremony signify a role change, it is also a powerful symbol of transformation of these students. Congratulations!



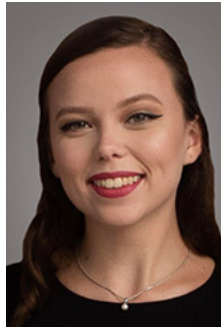
## Alumni News

**Gary Beemer II** attended and taught at UT from 2017-19. He graduated from UF with BS and MS Degrees in Applied Physiology and worked for nearly a decade as a professional coach in the NFL and Division 1 College Football. He was recently selected to enter Penn State' 3+5 Accelerated Orthopaedic Pathway Program. Gary is the son of Professor Gary Beemer Sr. (Marketing Department).



**Gary Beemer**  
Matriculated: 2020  
Phase 2: 2/2022  
Class of 2023

**Alumna Allison Calvanese** (Public Health graduate 2013) pictured far right and **Briana Lipski** (current Public Health student), coauthored a publication entitled *A Naturalistic Study of Carbon Monoxide, Heart Rate, Oxygen Saturation, and Perfusion Index in Hookah Lounge Patrons*.  
<http://rc.rcjournal.com/content/early/2020/07/07/respcare.08056>



## Faculty News!



**Professors Julie Umberger and Rom Delacroix** (Nursing) volunteered in Hardee County to administer the COVID vaccine! We thank you for your service to the community.



Looking for something to do on March 7th? Join in watching our own **Professor Lou Poliizi** (Health Sciences and Human Performance) and his band at the Strawberry Festival. Lou is pictured to the left playing the saxophone!





### UT Class of 2038?

The Department of Chemistry, Biochemistry and Physics experienced a baby boom in 2020. Six babies, five girls and one boy, joined the families of members of this department.

March	Gemma	Ashley Longstreet and family
May	Marcella	Christine Theodore and family
June	Talia	Denija Crnojevic and family
October	Twin girls	Laura Henchey and family
December	Mateo	Phil Murray and family

Maybe we should start a new course –**Developing Active Young Chemists and Physicists in A Relaxing Environment (DAYCARE)**. Enrollment restricted to students under 2.

Congratulations to the proud parents!

## Important Dates

[UT Master Calendar](#)

[UT Academic Calendar](#)

January 18 - Martin Luther King Holiday - no class  
January 19 - Spring semester classes begin  
January 25 - Last day to drop/add classes  
February 22 - Registration for Summer begins  
February 23 - Reading Day - No Spring Semester classes held  
March 10 - Reading Day - No Spring Semester classes held  
March 15 - Last day to resolve Incomplete grades  
March 29 - Last day for students to withdraw from 14 week session  
April 5 - Registration begins for the Fall Semester  
April 30 - Reading Day - No Spring Semester classes held  
May 1 - Last day of spring classes  
May 3 - Final Exam week  
May 7 - Reading Day - No Spring Semester classes held  
May 8 - Spring Commencement  
May 10 - Classes begin for May term; Grades due for Spring Semester

Please send future news items to [jdavila@ut.edu](mailto:jdavila@ut.edu)